

**Docket No. 217 – Development and Management Plan Inspection**

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

**Norwalk Substation**

**Date:** May 17, 2006

**Inspector:** Don Ukers

**Location:** Norwalk Substation Expansion

**Storm/**

**Rain Event:** Between 2.37-3.54" of rain was recorded on 5/12 with another 1.30-2.04" over 5/15-5/16 as reported by NOAA and depending on location.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	- The catch basin near the Route 7 ramp receives a lot of off-site stormwater-sedimentation of roadway sand is occurring here. 12/22-5/17/06.	-The area should no longer be affected by any onsite sediment. The silt fence could be removed. 12/1-5/17/06.	-N/A.
Foundation construction	-The only work within the yard is associated with electrical testing. 5/17/06.  - Topsoil adjacent to the GIS building was in place and graded. 5/17/06	- None at this time. Little to no soil disturbing work is occurring. 5/17/06.  - The area is well contained and will be landscaped eventually. 5/17/06	-N/A.  - N/A
Erosion and Sediment Controls	- Erosion near the 345kV turning structure and the overflow channel had not worsened due to this week's rains. 5/17/06.	- The slope will be checked for stabilization when the water recedes. 5/17/06.	-The area will be checked
Inland Wetland and Watercourse encroachment and mitigation	- The overflow channel and natural overflow area had a high level of flow due to the rains this week. 5/17/06.  - Vegetation continues to grow well along the original overflow	- The slope near the turning structure will be checked when water recedes. 5/17/06  - None at this time. 5/17/06.	-N/A  -N/A.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	channel. 5/17/06.		
State species of concern, threatened and endangered species	- No species of concern are located in this area of construction.	- N/A	-N/A.
Vegetative clearing limits (including trees to save or danger trees noted)	-Due to necessary clearing for overhead lines and the natural damage of the flood, the riverbanks to the north of site could use some vegetative growth. 5/17/06	- None at this time. 5/17/06	-N/A
Dewatering	-Dewatering was not observed during this inspection. 5/17/06.	-None at this time. 5/17/06.	-N/A.
Blasting	- No blasting is occurring on site at this time and it is not anticipated to be necessary.	- None at this time.	-N/A
Spills and Material Storage	- Most heavy equipment is removed from the site. 5/17/06.  -Some materials/ structures are being stored here for other components of the project. 5/17/06	In general: - Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. - Report spills to the office immediately, even if they are being controlled.	-N/A  -N/A
Additional Observations			

### Plumtree Substation

**Date:** May 17, 2006

**Inspector:** Don Ukers

**Location:** Plumtree Substation Expansion, Bethel

**Storm/**

**Rain Event:** Between 2.37-3.54" of rain was recorded on 5/12 with another 1.30-2.04" over 5/15-5/16 as reported by NOAA and depending on location..

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads	- Work has returned to the substation so the drive is again in use for this equipment. 3/15-5/17/06.	- None at this time. 5/10/06.	-N/A.
Foundation construction	-Work continues within the substation yard with the rebar and forms in place for concrete foundation work. 4/19-5/17/06.	- Remain aware of the perimeter of the yard and the workspace and the fact the area is surrounded by wetlands. See erosion control section. 3/15-5/17/06.	-N/A at this time.
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	-Stockpiles remain on site, contained by the perimeter berm. 5/10-5/17/06.  - One larger pile remains in place at the rear of the site near the fence. Sediment problems have not been noted at this time. 5/4-5/17/06  -Active dewatering was not noted at the time. No sedimentation was noted out of the yard. 5/10-5/17/06.	-Continue to monitor that the controls are effective. Extend haybales if necessary. 3/31/06-5/17/06.  -Consider pulling back the pile if feasible or add more controls if necessary. It remains contained at this time.5/4-5/17/06.  -Continue to watch the perimeter if dewatering and improve the berm if necessary. 4/26-5/17/06	- N/A at this time.  -Continue to monitor  -N/A at this time
Inland Wetland and Watercourse encroachment and mitigation	- Wetlands are located around the outskirts of the substation yard.	-Continue to monitor them. Ensure that sediment does not leave the yard. 5/17/06.	N/A.
State species of concern, threatened and endangered species	- Crews on site at this time will have to remain aware of the fact the weather is warming and the wood turtle could	- Move machinery carefully and perform daily walkdowns of the site each morning now that the weather is	-Daily walkdowns should be occurring at this point.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	return to the site in the spring. 3/15-5/17/06	warmer. 4/6-5/17/06.	
Vegetative clearing limits (including trees to save or danger trees noted)	- No vegetation outside of the substation yard will need to be cleared during the expansion work.	- N/A	-N/A
Dewatering	- Active dewatering was not observed at the inspection. 5/10-5/17/06.	-Some pooled water remains contained to the yard by the berm. Continue to monitor and restore controls if necessary. 5/17/06.	-N/A
Blasting	- No blasting is occurring on site at this time.	- None at this time.	-N/A
Spills and Material Storage	- No spills or leaks were noted. Now that machinery has returned, continue to monitor. 5/17/06	- The contractors should remain vigilant about securing and handling fuel containers. - Keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. Check equipment status on a regular basis. - Report spills to the office immediately, even if they are being controlled.	-N/A
Additional Observations			

**Next likely scheduled inspection:** Thursday, May 25, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

**Inspector's Signature:** Diana Walden for Don Ukers



Norwalk Substation: Photo on the left shows an overall view of the yard with the recently spread and graded topsoil. Photo on the right shows the high flow of the Norwalk River near the turning structure. 5/17/06.



Plumtree Substation: Both photos show the ongoing foundation work and resulting stockpiles within the yard. The yard remains contained. 5/17/06.